

CLAIMS:

1. A method for driving a display panel (PDP) including cells each corresponding to a pixel in response to a video signal including fields wherein each field is formed by a plurality of subfields, the method comprising the step of
adjusting (RU) the number of subfields per field in accordance with
5 predetermined parameters (VT, T, P),
characterized in that during the processing of a current field, in said adjusting step the number of the subfields is adjusted for a next field.
2. A device for driving a display panel (PDP) including cells each corresponding
10 to a pixel in response to a video signal including fields wherein each field is formed by a plurality of subfields, the device comprising
means (RU) for adjusting the number of subfields per field in accordance with predetermined parameters (VT, T, P),
characterized in that said adjusting means (RU) is provided for adjusting the
15 number of the subfields for a next field during the processing of a current field.
3. The device according to claim 2, wherein said adjusting means is part of a regulating means (RU) for regulating the number of subfields per field in accordance with predetermined parameters.
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4. The device according to claim 2, for driving a plasma display panel (PDP) including discharge cells, the device comprising
means for applying a sustain-level signal to cause a sustaining discharge in a discharge cell for emitting light therefrom, and
25 means (RU) for regulating the sustain-level,
characterized in that said adjusting means is part of said sustain-level regulating means (RU).

5. The device according to claim 3, characterized in that the regulation is an adaptive regulation.
6. The device according to claim 2, for driving a plasma display panel (PDP)
5 including discharge cells, the device comprising
means for applying a sustain-level signal to cause a sustaining discharge in a discharge cell for emitting light therefrom,
characterized in that said predetermined parameters (VT, T, P) include parameters which have an impact on the sustain-per-time level.
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7. The device according to claim 2, characterized in that said predetermined parameters include image-load (VT), temperature (T) and/or power-supply capabilities (P).
8. The device according to claim 2, characterized in that the next field is a
15 succeeding field.
9. The device according to claim 2, further comprising memory means for storing the fields, characterized in that said memory means comprises a dual-port memory (A, B) for storing more than two fields.
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10. A display panel apparatus comprising the device according to claim 2.